

Title (en)

A METHOD FOR THE REMOVAL OF METALS FROM AN AQUEOUS SOLUTION USING LIME PRECIPITATION

Title (de)

VERFAHREN ZUR ENTFERNUNG VON METALLEN AUS EINER WÄSSRIGEN LÖSUNG MITTELS KALKFÄLLUNG

Title (fr)

PROCEDE D'ELIMINATION DE METAUX D'UNE SOLUTION AQUEUSE A L'AIDE D'UNE PRECIPITATION DE CHAUX

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Application

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Abstract (en)

[origin: WO03002774A1] The invention relates to a method for the removal of metals From their aqueous solution with lime precipitation, in conditions where a precipitate of metal hydroxide and gypsum is formed, which settles well and is easy to filter. The metals are precipitated from their aqueous solutions at a high pH value and the slurry is recirculated several times in the precipitation space, whereby the gypsum is precipitated as separate crystals instead of a solid layer. The method is particularly suitable for neutralization of the aqueous solution from the pickling of refined steel. Using this method enables the removal of metals and fluoride from the water in question.

IPC 8 full level

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